Index of Claims

App	lic	atior	ı/Co	ntro	l No.
-----	-----	-------	------	------	-------

10/500,039

Examiner

Sue A. Weaver

Applicant(s)/Patent under Reexamination

SASAKI ET AL.

Art Unit

3727

Rejected Allowed

_	(Through numeral) Cancelled
÷	Restricted

Z	Non-Elected
l	Interference

A	Appeal
0	Objected

Claim																							
1 Image: color of the co	Cla	aim				<u> </u>	Date	e					Cla	im	L_		_		Date	e			_
2 2 3 3 4 4 4 5 5 5 5 5 5 5	Final	Original	11/5/05	2/8/06									Final	Original									
3 3 2 2 3 53 54 55 55 56 6 6 6 6 6 6			1	=										51									
4 4 4 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 8 8 8		2	/	=										52									
5	3	-3	1	=																<u> </u>			
55		4		=]											
7 8 9 55 10 60 11 62 13 63 14 64 15 65 16 66 17 66 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 76 26 76 28 76 29 79 30 80 31 81 32 83 33 83 34 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 94	5	-5-	V	=]		55									
8 9 10 60 11 61 12 63 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 86 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 93 46 96 47 97	6	-6	~	=										56									
9 10 60 60 11 61 61 62 13 63 63 63 14 64 65 65 15 66 66 66 17 68 68 69 19 69 69 69 20 70 70 70 21 71 72 73 23 73 73 73 24 74 74 74 25 76 77 77 28 78 79 80 30 80 81 81 31 81 82 83 33 82 82 83 33 83 84 84 35 85 86 86 37 87 87 87 38 88 88 99 40 90 90 90 41 94 94 94 44																							
10																						L.	L
11 12 61 62 63 13 64 64 65 65 66 67 67 67 67 67 67 67 68 68 68 68 68 68 69 70 70 72 72 72 72 72 72 72 72 73 73 74 74 74 74 74 74 74 74 75 76 76 77 78 78 78 78 78 78 78 78 78 81 81 81 33 33 <t< td=""><td></td><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>$ldsymbol{f eta}$</td><td>L</td></t<>		9																				$ldsymbol{f eta}$	L
12 13 13 62 14 64 15 65 16 65 17 68 19 69 20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 95 46 96 47 97 48 98 49 99		10																					L
13 63 64 15 65 66 16 66 67 18 68 69 20 70 71 21 71 72 23 73 74 25 75 75 26 76 77 28 78 79 30 80 81 31 81 81 32 82 83 33 83 84 35 86 86 37 88 88 39 90 90 41 91 91 42 92 93 44 94 99																		<u> </u>	L			L	
14 64 15 66 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 94 45 96 96 97 48 99														62				<u>L</u>				L	L
15 65 16 66 17 68 18 68 19 68 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 98 98 99		13_																	<u> </u>			上	
16 17 66 67 68 18 68 69 70 71 71 72 72 73 74 72 73 74 74 75 75 75 75 76 77 78 79 78 79 78 79 30 80 31 81 32 83 34 84 84 83 33 83 83 83 83 83 84 85 86 86 86 86 86 86 86 88 89 90 90 90 90 91 91 94 94 94 94 94 94 95 96 97 98 99 <t< td=""><td></td><td></td><td>Г</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td>L</td><td></td></t<>			Г																	_		L	
17 18 68 69 19 70 71 71 21 71 72 73 24 74 74 74 25 76 77 77 28 78 79 80 30 80 81 81 32 82 83 83 33 83 84 84 35 86 86 86 37 88 89 90 40 90 90 90 41 91 92 93 43 94 94 94 45 96 96 96 47 48 98 99										Ĺ				65						<u> </u>	L	L	L
18 19 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 40 90 91 91 42 92 43 94 44 95 46 96 47 97 48 98 49 99																		乚				_	L
19 69 20 70 21 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 95 46 96 47 97 48 98 49 99		17																L		ļ.,,	_	L	L
20 70 21 71 22 72 23 74 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99						İ	l]						L	$oxed{oxed}$		L	L	L
21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98]		69	Ш					L	L	匚	
22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98 49 99											<u>L</u>]			Ш				_	_	L	L	<u> </u>
23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97 48 98					Ĭ				L	L	L]						L			_	L	L
24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99					Ĭ		L			<u> </u>]			Ш				L	L		L	L
25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99									L	乚					Ш			_	↓_	ᆫ	L	辶	<u> </u>
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99			L						<u> </u>	_					Ш			L.	<u> </u>	╙	_	<u> </u>	ļ_
27 28 77 78 29 79 79 30 80 81 31 81 82 33 83 84 35 85 85 36 86 87 38 88 88 39 89 90 41 91 92 43 93 93 44 94 94 45 96 96 47 97 98 49 99 99					匚				<u> </u>	<u> </u>	lacksquare			75	Ш			L	<u> </u>	<u> </u>	_	╙	L
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99		26		<u>L</u>		L		L	ļ	<u> </u>	L				Ш				Ļ.	_		<u> </u>	L
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99			$oxed{oxed}$		<u> </u>	L	ļ	ļ.,	ļ		<u> </u>				Ш				L.	<u> </u>		┞_	Ļ
30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			╙	<u> </u>		<u> </u>		L	<u> </u>		_				Ш				<u> </u>	Ļ		<u> </u>	L
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>		L	L	L	<u> </u>		<u> </u>	L				\sqcup			<u> </u>	<u> </u>	ļ	L	L	L
32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99					L	_		<u> </u>	_	匚								L	L	_		<u> </u>	L
33 83 34 84 35 85 36 86 37 87 38 87 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>	31		_	<u> </u>	╙	L	<u> </u>	$ldsymbol{f eta}$	<u> </u>	_	1		81				<u> </u>	 	┞	┡	↓_	L
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			_	_	L	_	_	ļ	L	igspace	_		<u> </u>		Ш		_	╙	<u> </u>	_	!	┡	┡
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>		<u> </u>	L.	L	_	<u> </u>	<u> </u>	<u> </u>	╙	L				Щ		L.	_	┞-	_	<u> </u>	_	┡
36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	1_	ļ	_	_	ļ	┡	<u> </u>	 	4	<u> </u>	84	Ш	_	_	├-	₩	₩	1	₩	
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		!	ļ	<u> </u>	 _	<u> </u>	 	-	<u> </u>	ļ	-	<u> </u>		Ш		_	<u> </u>	 	⊢	<u> </u>	⊢ –	1
38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>		<u> </u>	<u> </u>		ļ	┡	<u> </u>	ļ		<u> </u>		Ш			⊢	ļ.,	ļ	ļ	↓ _	┞
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			ļ	L	ļ	L	<u>Ļ</u>	<u> </u>	<u> </u>	Ļ.			<u> </u>				_	ļ	▙	₩	<u> </u>	<u> </u>	┡
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99				L.		_	ļ	ᆜ	<u> </u>	L	<u> </u>	1			Ш		_	⊢	L	_	<u> </u>	└	╀
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99					_	<u> </u>	<u> </u>	<u> </u>	┡	_	<u> </u>		<u> </u>		Ш			<u> </u>	_	ļ	<u> </u>	ـــ	╄
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	_	┡	<u> </u>	L	┡	<u> </u>	<u> </u>	_			90	1			┡	┞	<u> </u>	┡	⊢	╀
43 93 44 94 45 95 46 96 47 97 48 98 49 99			_	_	-	_	<u> </u>	<u> </u>	┞	┞	ļ				٠		<u> </u>	1_	_	_	<u> </u>	├	╀
44 94 45 95 46 96 47 97 48 98 49 99		42	↓_	L	ــــ	↓_	<u> </u>	┡		_	_	ļ		92			<u> </u>	ļ	╄	┡	├-	⊢	╀
45 95 46 96 47 97 48 98 49 99		43	┞-	<u> </u>	1	\vdash		\vdash	1	┡	↓	1	 		\vdash	L	\vdash		-	1	₩		╀
46 96 97 97 48 98 99 99 99 99 99 99 99 99 99 99 99 99			↓_	<u> </u>	┞			 	₩	1	 _	1		94	 	<u> </u>		\vdash			├		╄
47		45		┞-	ــــ	┞	_	⊢	<u> </u>	1	_	1	<u> </u>	95	\vdash	<u> </u>	<u> </u>	⊢	ऻ	-			╀
48 98 99 99			<u> </u>	 	 	1	╀	 	ـ	₩	↓_	1	<u> </u>	96	-		ļ	╙	↓_	-	\vdash		╀
49 99 99	<u></u>		┞		\perp	↓_	ـــ	⊢	⊢	<u> </u>	ــــ	-	<u> </u>	97	-	<u> </u>	<u> </u>		\vdash		-		╀
	<u> </u>		 		↓_	 _	1_	ــــ	 	↓_		1	<u> </u>	98	-	ऻ—	<u> </u>	↓	₩	 	₩	+-	┼
50	L		\vdash	\vdash	\vdash	\vdash	┼	\vdash	ـ	! —	↓_	4		99	⊢	├	<u> </u>	⊢		1	├		\vdash
		50	1				<u>1_</u> .	L	<u></u>		L	J	L	100		L_	L	1		1_	1	<u></u>	L

			_	_	$\overline{}$		_		$\overline{}$	\neg
Final	Original									
	51									
	52			_	\vdash	-	_			\neg
\vdash	53				┢┈					\dashv
\vdash	51 52 53 54 55	_		_		-				\dashv
<u> </u>	54	-		_	\vdash		H		_	-
<u> </u>	22			_	-		_	_	_	\vdash
<u> </u>	56			<u> </u>			_	_		Н
	57	\square		_	_					
L	58 59			L	<u>_</u>					
L	59				Ш			Ш		
	60				<u> </u>	_		<u> </u>		
	61 62 63				<u> </u>					
	62									
	63									
	64			Γ						
	64 65									
	66									
	67				Г					
	68									
	69									
	69 70		-					-		
_	71	Н	_	\vdash					_	
	72			-	 	-	_	\vdash	\vdash	
-	72 73 74					\vdash	Н	-	\vdash	
	74			\vdash		_	H	-	\vdash	
	75	_	_	\vdash	-	_	\vdash	_	\vdash	
	75 76	-		_	\vdash	-	_	\vdash	\vdash	_
_	77	_		-		-	_	\vdash	-	
	78	_		├		-	┢	\vdash	-	_
	79		_	\vdash		\vdash		-	┢	\vdash
-	80	_	-	\vdash	⊢	-	-	┢╌	\vdash	
	81	-		\vdash	⊢	-	\vdash		-	
-	82	_	-	\vdash	-	-	⊢	\vdash	-	-
<u> </u>	02	\vdash	_	⊢	⊢	⊢	⊢	-	-	-
<u> </u>	83	H		⊢	⊢	┝	⊢			H
	84 85	H	_	⊢	├	⊢	\vdash	-	_	
	00	\vdash		-	\vdash	-	-	-	-	\vdash
-	86 87	H		-	⊢	<u> </u>			-	⊢
-	87			⊢		⊢	⊢		-	-
ļ	88 89	_		1	⊢	-			-	<u> </u>
	89		_	_	├-	⊢	_	\vdash	<u> </u>	_
ļ	90	_		<u> </u>	⊢	<u> </u>	!	_	<u> </u>	_
 	91	٠	_	 	-	_	_	 	 	<u> </u>
ļ	92	\vdash	<u> </u>	\vdash	 	 	\vdash	-	-	-
	93	<u> </u>	L		<u> </u>	-	—	_	-	<u> </u>
<u> </u>	94	<u> </u>	<u> </u>	ļ	\vdash		—	<u> </u>	<u> </u>	 —
	95	<u> </u>	<u> </u>	┞	┡	<u> </u>	<u> </u>		<u> </u>	├
L	96	<u> </u>	L.	ļ	\vdash	<u> </u>	<u> </u>	<u> </u>	L-	├-
<u> </u>	97	<u> </u>		 	1_	Ь	ļ.,	<u> </u>	<u> </u>	-
	98	<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>	<u> </u>	<u> </u>	 	├
<u> </u>	99	匚	<u> </u>	\vdash	<u> </u>	!	—	<u> </u>	ـــــ	L
1	100	ı	l	1	1	1	I	ı	ı	į .

Claim Date									\neg	
ā	Original									1
Final	ığı						ļ			1
"	Ō						1			
 	101	\vdash	\dashv	-		_	\vdash	-	_	\dashv
	101 102	-	\dashv					_		
<u> </u>	102	\Box				\vdash		_		
<u> </u>	103			_				_		
	104 105		_							Ш
	105			_						\square
	106									Ш
	107									Ш
	108									
	109 110									
	110									
	111									
	112	Н	\neg							П
_	112 113	Н	\vdash		-			_	\vdash	Н
	114	\vdash	\vdash			 		-	-	\vdash
	114 115	Н	-		_	\vdash			\vdash	\dashv
<u> </u>	115	H				<u> </u>	<u> </u>	\vdash	\vdash	Н
<u> </u>	116	Щ				<u> </u>	\vdash	\vdash	<u> </u>	<u> </u>
	117 118	Ш			_	<u> </u>	L	\vdash	<u> </u>	Щ
	118	Ш				L				
	119	L								
	120 121									
	121									
	122									
	122 123 124 125 126 127			_						
	124	П								П
	125	П					Н		Г	
_	126				_	_	\vdash	_		\vdash
	127	H			—	-	┢╌	_	-	Н
<u> </u>	127	-			_	-	⊢		\vdash	\vdash
	120						\vdash	-	\vdash	\vdash
	128 129 130				⊢	_	<u> </u>	-	<u> </u>	Н
	130				_	<u> </u>	<u> </u>	_	<u> </u>	\vdash
	131 132		Ц.			_			<u> </u>	Ш
	132				<u>_</u>	L		<u> </u>		Ш
	133 134				<u> </u>	$oxed{oxed}$	<u> </u>	L		\Box
	134									
	135					L	L			
Г	136 137									
	137									
T	138	Г			Г				_	П
	139		\vdash	\vdash	T	\Box				П
<u> </u>	139 140	\vdash		\vdash	\vdash	 			<u> </u>	\vdash
	141	\vdash		\vdash	-	\vdash	 	\vdash	 	\vdash
-	142		\vdash	\vdash	1	 			-	\vdash
<u> </u>		-	\vdash	\vdash	-	\vdash	-	 	\vdash	$\vdash\vdash$
<u> </u>	143	-			-	⊢	\vdash	 	\vdash	⊢⊢
<u> </u>	144	_	<u> </u>	\vdash	<u> </u>	 —	<u> </u>	_	\vdash	$\vdash \vdash$
<u></u>	145	_	<u> </u>	<u> </u>	\vdash	L	<u> </u>	<u> </u>	<u> </u>	\sqcup
<u></u>	146		<u> </u>	<u> </u>		<u> </u>	<u> </u>	_	<u> </u>	Ш
	147		<u> </u>	<u> </u>	<u> </u>	L	L	<u>L</u>	L_	
L	148		L	L		L	L	<u> </u>		
	149							L		
	150	\Box				Π				